
Delta Dental Disease Management Pilot

Health Benefits Committee
May 12, 2009



Proposal

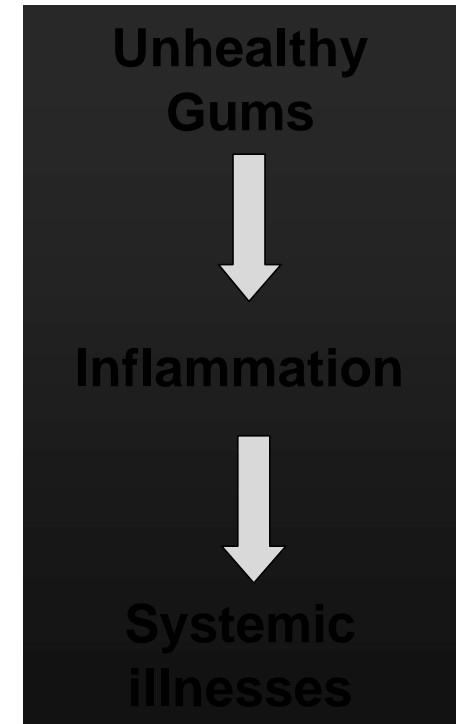
Implement a program involving the integration of medical and dental data for an at-risk State of California patient population

Purpose

To evaluate treatment outcomes from integrated patient diabetic history and dental history that will guide therapeutic intervention opportunities for the at-risk patient

The Medical Dental Connection

- **Studies indicate there may be relationships between periodontal diseases and systemic illnesses such as:**
 - **Cardiovascular disease**
 - **Respiratory illness**
 - **Diabetes**
 - **Pregnancy complications**
 - **Pancreatic cancer**



Rational

- **More than 20 millions of Americans are diagnosed with diabetes**
- **Costs associated with diabetes are over \$132 billion annually**
- **Diabetics are more prone to periodontal disease**
- **Treatment of periodontal disease has shown improvement in management of the diabetes**
- **Share medical/dental data for interventional treatment**

Approach

- Execute a “Electronic Data Exchange Agreement” between Blue Shield and Delta Dental
- Blue Shield to provide Delta Dental with data on members who have been diagnosed with diabetes
- Delta Dental to provide Blue Shield with data on diabetic patients who have received a dental examination/cleaning during the prior 12-month period

Analysis

Retrospectively - Delta Dental will conduct an analysis of treatment in the targeted population

- To determine prevalence of periodontal disease
- To assess treatment patterns related to diabetic patients

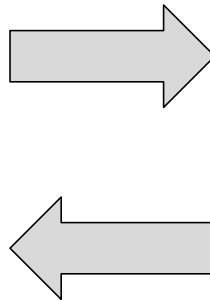
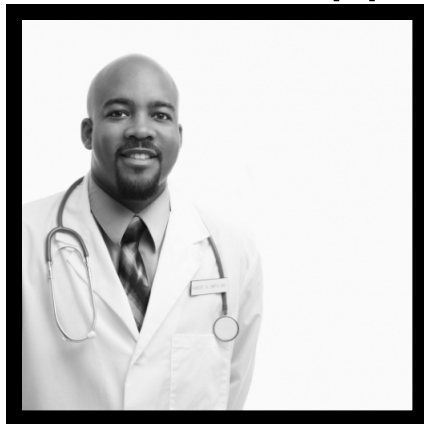
Prospectively – Delta Dental will explore opportunities to impact outcomes

- Future interventions such as new diabetic disease management protocols
- Expanded/modified benefits

Blue Shield to utilize treatment data to enhance current disease management activities related to diabetes patients

Disease Management Intervention

- Health Risk Assessment
- Health Promotion Messaging
- Education to Medical Profession
- Education to Dental Profession
- Prospective Study with newly diagnosed patients and selected dental network
- Team approach: Endocrinology and Dentistry:



Health Benefits Branch